

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **UNCOUPLING PROTEIN 2 (UCP2): COMPOSITIONS AND METHODS OF USE** the specification of which X is attached hereto or was filed on as Application No. and was amended on (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u> </u> No <u> </u>
			Yes <u> </u> No <u> </u>

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<u> </u> Patented <u> </u> Pending <u> </u> Abandoned
		<u> </u> Patented <u> </u> Pending <u> </u> Abandoned

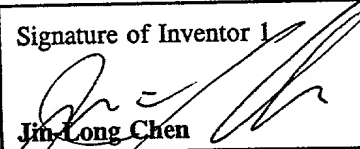
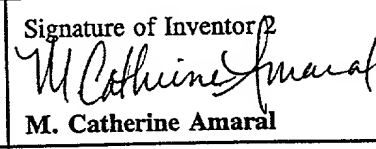
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

William B. Kezer, Reg. No. 37,369
 Eugenia Garrett-Wackowski, Reg. No. 37,330
 Timothy L. Smith, Reg. No. 35,367
 Jonathan A. Quine, Reg. No. 41,261

Send Correspondence to: Eugenia Garrett-Wackowski TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Eugenia Garrett-Wackowski Reg. No.: 37,330 Telephone: (415) 576-0200
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Full Name of Inventor 1	Last Name CHEN	First Name JIN-LONG	Middle Name or Initial	
Residence & Citizenship	City Millbrae	State/Foreign Country California	Country of Citizenship Taiwan	
Post Office Address	Post Office Address 507C Popular Avenue	City Millbrae	State/Country California	Zip Code 94030
Full Name of Inventor 2	Last Name AMARAL	First Name M.	Middle Name or Initial CATHERINE	
Residence & Citizenship	City San Francisco	State/Foreign Country California	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 2202 Sutter Street, #1	City San Francisco	State/Country California	Zip Code 94115
Full Name of Inventor 3	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Jin Long Chen	Signature of Inventor 2  M. Catherine Amaral	Signature of Inventor 3
Date 7-27-98	Date 7-27-98	Date

POWER OF ATTORNEY BY ASSIGNEE

Tularik Inc. is the Assignee of the invention entitled: HUMAN UNCOUPLING PROTEIN 2 (hUCP2): COMPOSITIONS AND METHODS OF USE, the specification of which ___ is attached hereto or X was filed on July 29, 1998 as Application Serial No. 09/124,293.

Assignee hereby appoints the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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Eugenia Garrett-Wackowski, Reg. No. 37,330
Timothy L. Smith, Reg. No. 35,367
Jonathan A. Quine, Reg. No. 41,261

Send Correspondence to:

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San Francisco, CA 94111-3834

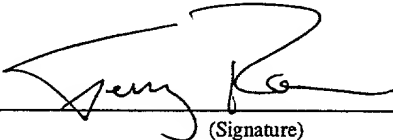
Direct Telephone Calls to:

(Name, reg. no., tele. no.)

Eugenia Garrett-Wackowski
Reg. No. 37,330
(415) 576-0200

TULARIK INC.

Date: 08/27/98

By: 
(Signature)

Name: Terry Rosen
Title: Vice President, Research Operations

JOINT

Title of the Invention: HUMAN UNCOUPLING PROTEIN 2 (hUCP2): COMPOSITIONS AND METHODS OF USE

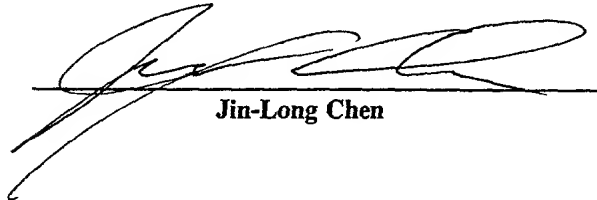
WHEREAS, Tularik Inc., a Delaware corporation, located at Two Corporate Drive, South San Francisco, California 94080, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: Aug 25, 1998


Jin-Long Chen

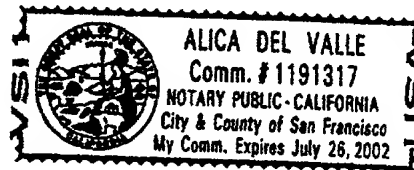
STATE OF CALIFORNIA

COUNTY OF SAN MATEO

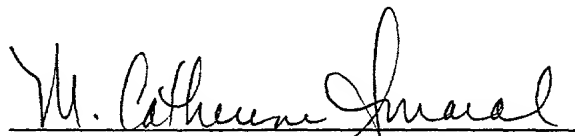
On Aug 25, 1998, before me, ALICADELVALLE, NOTARY PUBLIC (here insert name and title of the officer), personally appeared Jin-Long Chen, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~ she executed the same in ~~his~~ her authorized capacity, and that by ~~his~~ her signature on the instrument the person, or the entity upon behalf of which the person acted, execute the instrument.

WITNESS my hand and official seal.

Signature  (Seal)



Date: 8/24/98


M. Catherine Amaral

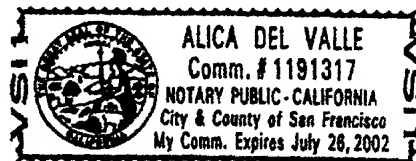
STATE OF CALIFORNIA

COUNTY OF SAN MATEO

On Aug. 24, 1998, before me, ALICADELVALLE, NOTARY PUBLIC (here insert name and title of the officer), personally appeared M. Catherine Amaral, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, execute the instrument.

WITNESS my hand and official seal.

Signature  (Seal)



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Attorney Docket No. 018781-001100

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Jin-Long Chen of 507C Popular Avenue, Millbrae, California 94030, and M. Catherine Amaral of 2202 Sutter Street, #1, San Francisco, California 94115, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **HUMAN UNCOUPLING PROTEIN 2 (hUCP2): COMPOSITIONS AND METHODS OF USE**

Filing date: July 29, 1998 Application No.: 09/124,293; and

WHEREAS, Tularik Inc., a Delaware corporation, located at Two Corporate Drive, South San Francisco, California 94080, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

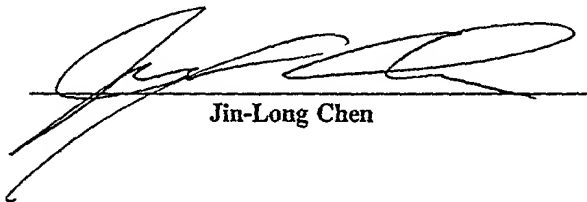
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: Aug 25, 1998


Jin-Long Chen

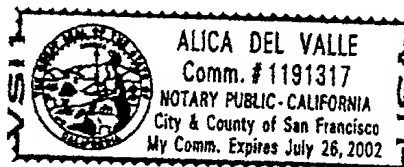
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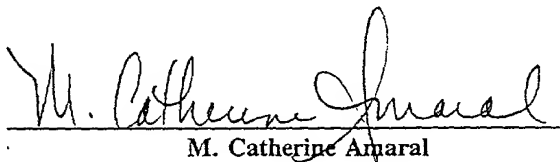
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WITNESS my hand and official seal.

Signature  (Seal)



Date: 8/24/98



M. Catherine Amaral

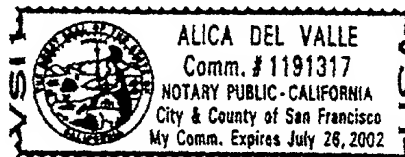
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WITNESS my hand and official seal.

Signature  (Seal)



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